

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/576,000

Source: 1FWO

Date Processed by STIC: 1/30/07

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/576,000

CRF Edit Date: 1/30/07
Edited by: K

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☒ Deleted: ☒ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFWO

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DATE: 01/30/2007

PATENT APPLICATION: US/10/576,000

TIME: 10:37:21

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3 <110> APPLICANT: ATGC GENE TECHNOLOGY COMPANY LTD.

5 <120> TITLE OF INVENTION: Method for large-scale production, isolation, purification
of multiple

6 serotype recombinant adeno-associated virus vectors and uses thereof

8 <130> FILE REFERENCE: PF030071PCT

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/576,000

C--> 10 <141> CURRENT FILING DATE: 2006-04-17

10 <160> NUMBER OF SEQ ID NOS: 15

12 <170> SOFTWARE: PatentIn version 3.1

14 <210> SEQ ID NO: 1

15 <211> LENGTH: 4347

16 <212> TYPE: DNA

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409	caacccttac	ctcaagtaca	accacgccga	cgcgaggttc	cagcagcggc	ttcagggcga	2340
411	cacatcgttt	gggggcaacc	tggcagagc	agtcctccag	gccaaaaaga	gggttcttga	2400
413	acctcttggt	ctggttgagc	aagcgggtga	gacggctcct	ggaaaagaaga	gaccgttgat	2460
415	tgaatcccc	cagcagcccg	actcctccac	gggtatcgcc	aaaaaaggca	agcagccggc	2520
417	taaaaagaag	ctcgttttcg	aagacgaaac	tggagcaggc	gacggacccc	ctgagggatc	2580
419	aacttccgga	gccatgtctg	atgacagtga	gatgcgtgca	gcagctggcg	gagctgcagt	2640
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425	caacaaccac	ctctacaagc	gactcggaga	gagcctgcag	tccaacacct	acaacggatt	2820
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431	cttcaacatc	caggtcaagg	aggtcacgac	gtcgaacggc	gagacaacgg	tggctaataa	3000
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457	caccaacgcc	accgatacgg	acatgtgggg	caacctacct	ggcggtgacc	agagcaacag	3780
459	caacctgccg	accgtggaca	gactgacagc	cttgggagcc	gtgcctggaa	tggcttgcca	3840
461	aaacagagac	atttactacc	aggggtcccat	ttggggccaag	attcctcata	ccgatggaca	3900

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/576,000

DATE: 01/30/2007
TIME: 10:37:22

Input Set : N:\AMC\PTO.AMC.txt
Output Set: N:\CRF4\01302007\J576000.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/576,000

DATE: 01/30/2007

TIME: 10:37:22

Input Set : N:\AMC\PTO.AMC.txt

Output Set: N:\CRF4\01302007\J576000.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**Raw Sequence Listing before editing
(for reference only)**



IFWO

RAW SEQUENCE LISTING

DATE: 01/25/2007

PATENT APPLICATION: US/10/576,000

TIME: 12:08:18

Input Set : F:\sequence.as.filed.txt

Output Set: N:\CRF4\01252007\J576000.raw

3 <110> APPLICANT: ATGC GENE TECHNOLOGY COMPANY LTD.

5 <120> TITLE OF INVENTION: Method for large-scale production, isolation, purification of multiple

6 serotype recombinant adeno-associated virus vectors and uses thereof

8 <130> FILE REFERENCE: PF030071PCT

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/576,000

C--> 10 <141> CURRENT FILING DATE: 2006-04-17

10 <160> NUMBER OF SEQ ID NOS: 15

12 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

900 <210> SEQ ID NO: 15

901 <211> LENGTH: 24

902 <212> TYPE: DNA

903 <213> ORGANISM: artificial

905 <220> FEATURE:

906 <223> OTHER INFORMATION: downstream primer for cap6 of AAV6

908 <400> SEQUENCE: 15

909 tctagacaca caattacagg ggac

E--> 913 15 Pct/cn2003/000861

E--> 915 J:\ZLO\102\sequence.as.filed.txt/DNB/amh

Does Not Comply
Corrected Diskette Needed

24

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/576,000

DATE: 01/25/2007
TIME: 12:08:20

Input Set : F:\sequence.as.filed.txt
Output Set: N:\CRF4\01252007\J576000.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15

VERIFICATION SUMMARY

DATE: 01/25/2007

PATENT APPLICATION: US/10/576,000

TIME: 12:08:20

Input Set : F:\sequence.as.filed.txt

Output Set: N:\CRF4\01252007\J576000.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:913 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:15
L:913 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:15
L:913 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:24
L:913 M:254 E: No. of Bases conflict, LENGTH:Input:861 Counted:31 SEQ:15
L:913 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:9
L:913 M:112 C: (48) String data converted to lower case,
L:915 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:915 M:252 E: No. of Seq. differs, <211> LENGTH:Input:24 Found:31 SEQ:15